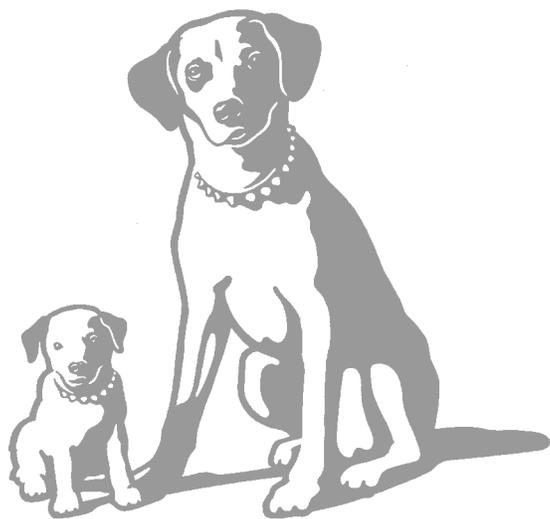# USER'S GUIDE

It is important to read this manual before operating this unit for thefirst time.

TOCOM 15078070

RCA

COLOR TV

Important Information

Cautions

Do not defeat the safety feature of the plug. The wide blade fits into the wall socket only one way. If you need an extension cord, make sure it matches the plug of the TV.

For Mexico: Operate TV only on 127 volts, 60 Hz AC power (normal house power) .

For U. S. A.: Operate TV only on 120 volts, 60 Hz AC power (normal house power) .

FCC Regulations state that unauthorized changes or modifications to this equipment may void the user's authority to operate it.

Note To Cable TV Installer

This reminder is provided to call your attention to Article 820-40 of the National Electrical Code which provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building as close to the point of cable entry as practical.

Table of Contents

Quick Guide to Your TV

Startup

The steps below will get your TV connected and ready for watching.
For more details, see the page numbers listed.

1. Hook up your TV

It is important to use only the adapters specified as they incorporate special isolation circuitry to meet safety regulations.

Match Your Type of Antenna or Cable

VHF & UHF   VHF & UHF   VHF   UHF   VHF   UHF

OR   **OR**   **OR**

Adapters

Back of TV   CABLE / ANTENNA
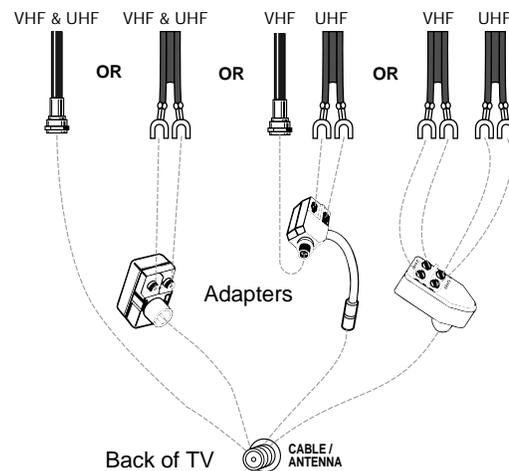
Hook up your antenna or cable to the TV before you follow the steps below.

CAUTION: If you choose to use a stand with your TV, take precautions that the stand or furniture the TV is placed on is properly located and of adequate size and strength to prevent the TV from accidentally being tipped over or pulled off. This could cause damage to the TV and or personal injury.

2. Plug in the TV
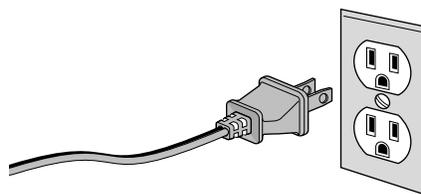
Plug the cord into the outlet, matching the wide and the small end of the plug with the outlet.

3. Put Batteries in the Remote
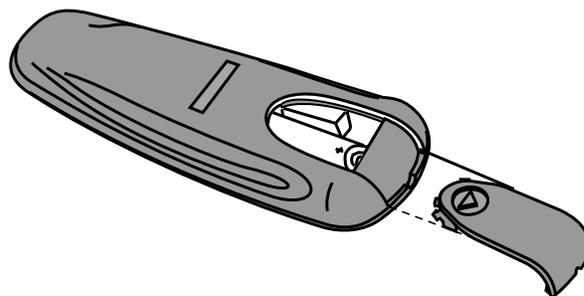
A. Pull off the cover of the battery compartment.

B. Place the two AAA batteries as shown, matching the **+** and **−** end of each battery in the compartment.

C. Replace the cover.

Quick Guide to Your TV

Startup

4. **Turn on the TV**
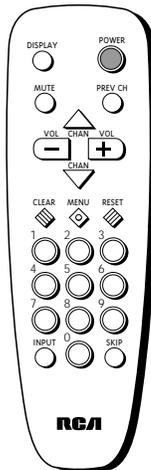
Press POWER on the remote.

OR
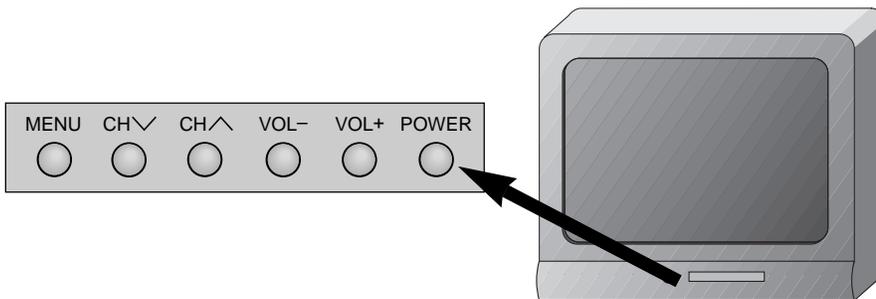
Press POWER on the TV.

MENU CH⌄ CH⌃ VOL− VOL+ POWER

5. **Place all available channels in memory (Autoprogram)**

Details for adding and deleting channels are on page 9.

```
                                    13




Controls  Alarm  Adjust  Setup
  English  Français  Español
 Autoprogram
 Label: 00                  Clear
 Channel Memory: 13 Stored
 Cable/Air: Cable
```
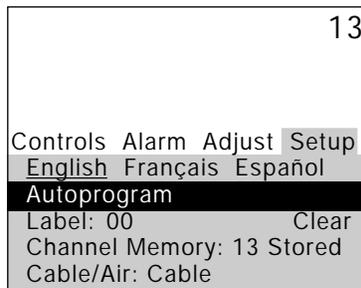
A. Press MENU until the Setup menu is selected. This menu is white.

B. Press CHANNEL down to highlight Autoprogram.

C. Press **+** to place channels in the TV's memory (Autoprogram).

D. Wait until TV has cycled through all the channels and returns to the original channel.

6. **Set the Time**

```
12:21 AM                    13



Controls  Alarm  Adjust  Setup
 Alarm: Off
 Alarm Channel:  07
 On Time:  Disabled
 Off Time:  Disabled
 Clock:  Use −/+ to set time.
```
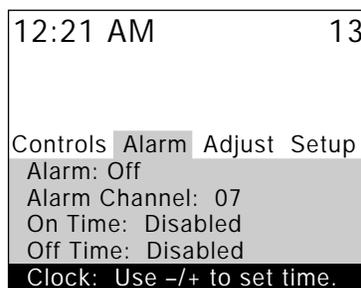
A. Press MENU until the Alarm menu is selected. This menu is green.

B. The Clock is automatically highlighted the first time you set it. If it is not, press CHANNEL down to highlight it.

C. Press **−** to set the hour.

D. Press **+** to set the minutes.

E. Press CLEAR to remove the menu from the screen.

Quick Guide to Your TV

Menu Basics

General information about using the on-screen menu system is shown below. *Details on using the remote buttons are on page 5. Many menu items are explained in detail in Adjusting Your TV starting on page 7 and Using the Advanced Features starting on page 9.*

Colors

Yellow Green Light White
                Blue

Controls Alarm Adjust Setup
English Français Español
Autoprogram
Label: 00   Clear
Channel Memory: 13 Stored
Cable/Air: Cable
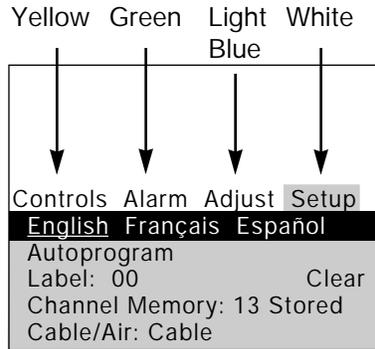
Press MENU repeatedly to see each of the four menu colors.

Each menu has a different color background as shown at the left.

Menu Buttons

These buttons are used with the TV's menus to adjust the features.

DISPLAY   POWER
MUTE   PREV CH
VOL CHAN VOL
     CHAN
CLEAR MENU RESET
1   2   3
4   5   6
7   8   9
INPUT 0   SKIP

RCA

MENU   CH⌄   CH⌃   VOL−   VOL+
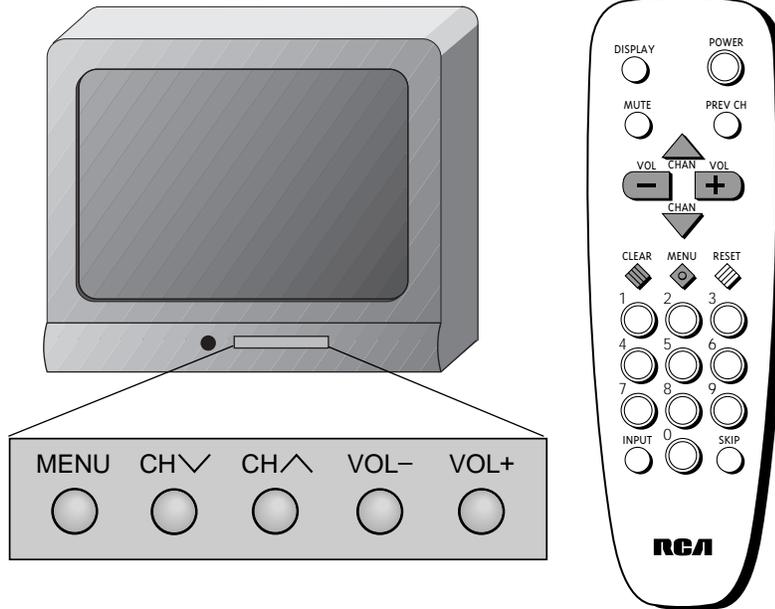
Moving through the Menus

Controls Alarm Adjust Setup
English Français Español
Autoprogram
Label: 00   Clear
Channel Memory: 13 Stored
Cable/Air: Cable

1. Press MENU to move from menu to menu.

2. Press CHANNEL up and down to move up and down through the features in the menu.

3. Press VOLUME + and − to move left and right on the menu lines.

Using Your TV and Remote

Remote Buttons
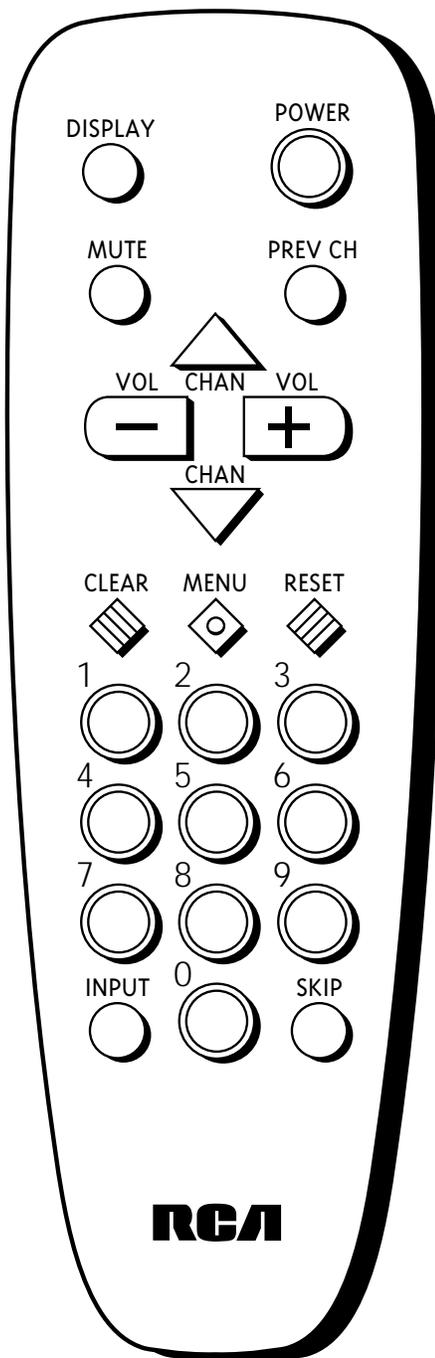
DISPLAY
Shows displays on the screen.

Clears menus from the screen.

POWER
Turns the TV on and off.

MUTE
Switches the TV sound on or off.

PREV CH (Previous Channel)
Changes back and forth between two channels.

Select a channel and then select another. Press PREV CH to switch between the two channels.

**CHAN △ and ▽
(Channel up and down)**
Scans up and down through channels in the TV's memory.

Moves up and down menus. *See Menu Basics on page 4.*

**VOL + and −
(Volume up and down)**
Raises and lowers sound.

Moves left and right on a menu line. *See Menu Basics on page 4.*

Changes a feature setting.

CLEAR
Clears menus and displays from the screen.

MENU
Shows menus on the screen and moves from menu to menu.

RESET
Returns the picture adjustments to the original settings.

Number Buttons
Selects any channel number.

Two numbers must be pressed for each channel. Press 0 and 6 for channel 6.

For three digit channels, press and hold 1 until 1-- appears on the screen. Then press the other two numbers.

INPUT
Switches the TV to channel 03. This is useful if you have a VCR connected to your TV.

SKIP (Commercial Skip)
Allows you to look at other channels during commercials.

Each press adds 30 seconds. Use the CHANNEL or number buttons to scan the other channels. TV switches back to original channel when time runs out. Press CLEAR to cancel SKIP.

Using Your TV and Remote

Front Panel Buttons

For details on using buttons with menus, see Menu Basics on page 4.
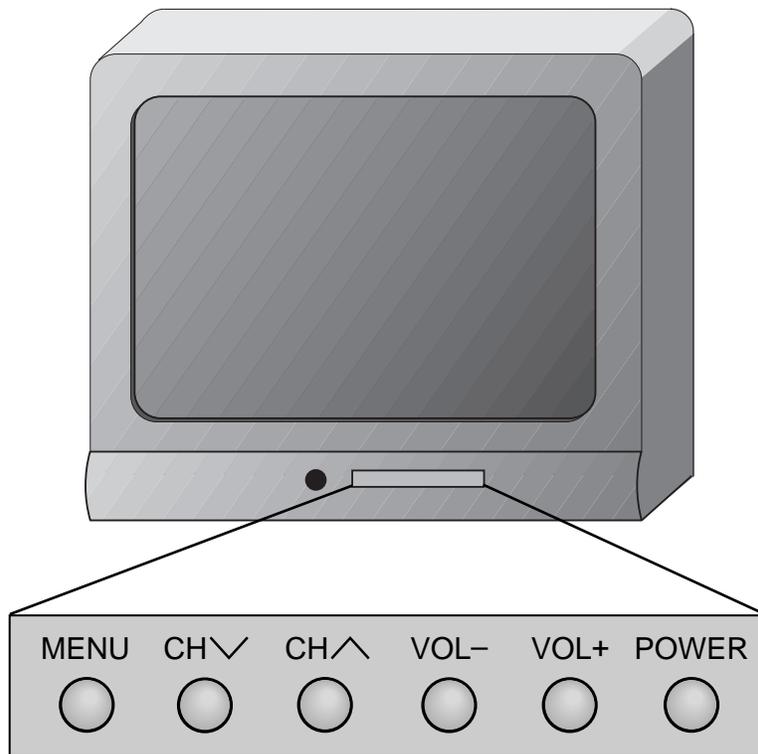
MENU	Shows menus on screen.
	Moves from menu to menu.

CH ∧ **and** ∨	Channel up and down.
	Scans up and down through channels in the TV's memory.
	Moves up and down menus.

VOL + and −	Volume up and down
	Raises and lowers sound.
	Moves left and right on a menu line.
	Changes a feature setting.

POWER	Turns the TV on or off.

Adjusting Your TV

Overall Picture

Follow the steps below to lighten or darken the overall picture without changing the color levels.

1. Select the Controls Menu

```
Controls  Alarm  Adjust  Setup
 Sleep Timer:  -:--
 Closed Captioning: Off
 Picture  -.....I.....+
```
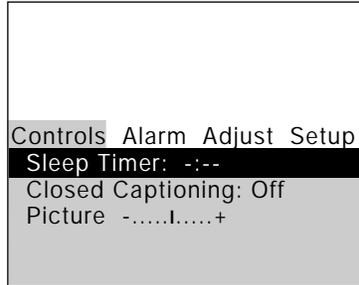
Press MENU to select the Controls menu. This menu is yellow.

2. Highlight Picture

```
Controls  Alarm  Adjust  Setup
 Sleep Timer:  -:--
 Closed Captioning: Off
 Picture  -.....I.....+
```
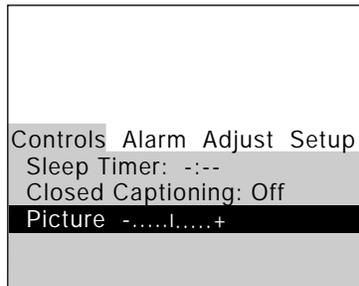
Press CHANNEL down to highlight Picture.

3. Use VOLUME + and – to adjust the Picture

```
      Picture  -.......I...+
```
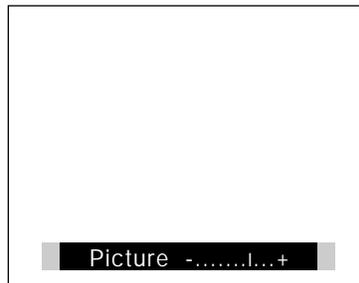
Press **+** to lighten the picture.

OR

Press **–** to darken the picture.

Press CLEAR to remove the menu from the screen when you are finished.

Adjusting Your TV

Picture Settings

Follow the steps below to change the picture on the screen to your personal setting. The chart below explains your options.

1. Select the Adjust Menu

```
Controls  Alarm  Adjust  Setup
   Color       -.....I.....+
   Tint        G.....I.....R
   Bright      -.....I.....+
   Sharp       -.....I.....+
   Autocolor: On
   Picture Reset
```
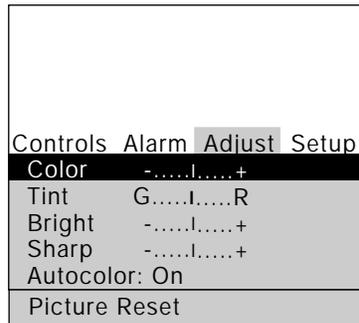
Press MENU repeatedly to select the Adjust menu. This menu is light blue.

2. Highlight item to change
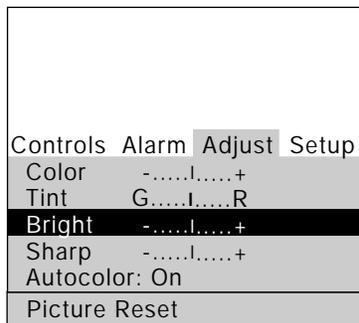
Press CHANNEL down to highlight the picture item you want to adjust.

3. Use VOLUME + or − to adjust each item

```
Controls  Alarm  Adjust  Setup
   Color       -.....I.....+
   Tint        G.....I.....R
   Bright      -.....I.....+
   Sharp       -.....I.....+
   Autocolor: On
   Picture Reset
```

Press + or − to adjust each item.

Press CLEAR to remove the menu from the screen when you are finished.

	Press VOLUME + to:	**Press VOLUME − to:**
Color	Increase color richness	Lower color to black and white
Tint	Give red tint to skin color	Give green tint to skin color
Bright (Brightness)	Add more light to dark parts of the picture	Add more dark to light parts of the picture
Sharp (Sharpness)	Show cleaner, clearer images	Make picture more smooth
Autocolor	Turn on to keep Color and Tint in proper balance each time you change channels	Turn off for manual adjustment of Color and Tint
Picture Reset	Reset the picture back to the original settings	Reset the picture back to the original settings

Using Advanced Features

Placing Channels in Memory (Autoprogramming)

Only channels 2–13 appear in the TV's memory when you first turn it on. The channels available in your area must be programmed into the TV's memory when you hook up your TV. Using CHANNEL up or down allows you to scan through these channels.

You may want to add or delete a few channels if some stations have weak signals or were off the air when the TV was programmed. *Refer to the Add or Delete Channels section below.*

1. Place channels in memory (Autoprogram)

```
                                        13



Controls  Alarm  Adjust  Setup
 English  Français  Español
Autoprogram
Label: 00                    Clear
Channel Memory: 13 Stored
Cable/Air: Cable
```

```
                                        15



Controls  Alarm  Adjust  Setup
 English  Français  Español
Autoprogramming
Label: 00                    Clear
Channel Memory: 15 Stored
Cable/Air: Cable
```

A. Hook up an antenna, cable or components before you begin these steps or you will not be able to add channels into memory.

B. Press MENU repeatedly to select the Setup Menu. This menu is white.

C. Press CHANNEL down to highlight Autoprogram.

D. Press **+** to start the TV adding all active channels into memory.

E. Wait until the TV has cycled through all the channels and returns to the original channel.

F. Press CLEAR to remove the menu from the screen when you are finished.

2. Add or delete channels

```
                                        13



Controls  Alarm  Adjust  Setup
 English  Français  Español
Autoprogram
Label: 00                    Clear
Channel Memory: 13 Stored
Cable/Air: Cable
```

```
                                        13



Controls  Alarm  Adjust  Setup
 English  Français  Español
Autoprogram
Label:l 00                   Clear
Channel Memory: 13 Erased
Cable/Air: Cable
```

A. Press MENU repeatedly to select the Setup menu.

B. Press CHANNEL down to highlight Channel Memory.

C. Press **+** to underline the channel number.

D. Select the channel number you want to add or delete with the number buttons.

E. Press **+** to add or delete a channel (you will see Stored on the screen when added and Erased when deleted).

F. Repeat D and E for more channels.

G. Press CLEAR to remove the menu from the screen when you are finished.

Using Advanced Features

Naming the Channels

You can name at least 20 channels with four characters in each name. **Full** appears beside Label when the memory is used up. **Fixed** appears when a channel number cannot be named. Below are the characters that can be used in a name.

1. Name a channel

```
                        12



Controls  Alarm  Adjust  Setup
 English  Français  Español
 Autoprogram
 Label: 12              Clear
 Channel Memory: 12 Stored
 Cable/Air: Cable
```

```
                XET    12



Controls  Alarm  Adjust  Setup
 English  Français  Español
 Autoprogram
 Label: 12  X E T __      Clear
 Channel Memory: 13 Stored
 Cable/Air: Cable
```

A. Press MENU repeatedly to select the Setup menu.

B. Press CHANNEL down to highlight Label.

C. Press **+** to underline the channel number.

D. Select the channel number with the number buttons.

E. Press **+** to underline the first character of the name.

F. Choose the character using CHANNEL up or down.

G. Repeat E–F to complete the name.

H. Press **−** to move backward if you want to change an item.

I. Repeat steps C-G to add other labels.

2. Erase a name

```
                        12



Controls  Alarm  Adjust  Setup
 English  Français  Español
 Autoprogram
 Label: 12              Clear
 Channel Memory: 13 Stored
 Cable/Air: Cable
```

A. Follow A and B above.

B. Press **+** until clear is underlined.

C. Press CHANNEL up or down to clear the name.
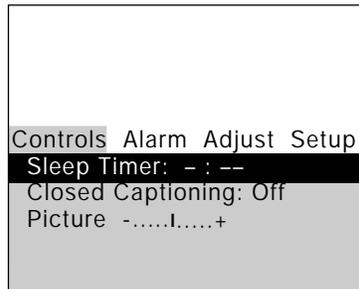
Character List

```
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z &
' ( ) á + , − . / 0 1 2 3 4 5 6 7 8 9 : ; < = > ? @  blank space
```
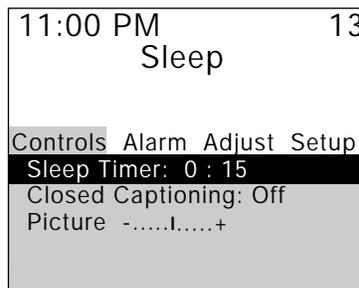
Using Advanced Features

Setting the Sleep Timer

You can set your TV to turn itself off. If you're watching TV at night and fall asleep, the TV will turn off for you.

1. Set Sleep Timer

```
Controls  Alarm  Adjust  Setup
 Sleep Timer:  – : --
 Closed Captioning: Off
 Picture  -.....I.....+
```

```
11:00 PM                    13
            Sleep


Controls  Alarm  Adjust  Setup
 Sleep Timer:  0 : 15
 Closed Captioning: Off
 Picture  -.....I.....+
```

A. Press MENU to select the Controls menu and highlight Sleep Timer. This menu is yellow.

B. Press **+** enter the amount of time you want to watch TV before it shuts off. Each press equals 15 minutes.

C. Press **–** to subtract time from the sleep timer.

D. Press CLEAR to remove the menu from the screen when you are finished.

2. Add more time

```
Controls  Alarm  Adjust  Setup
 Sleep Timer: 0 : 01
 Closed Captioning: Off
 Picture  -.....I.....+
```
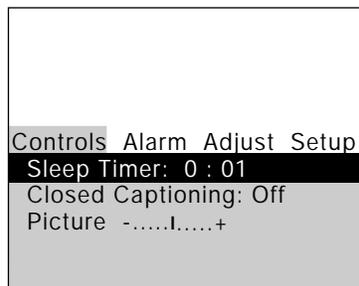
A. When 0:01 appears on the screen, the TV will shut off in one minute. Press **+** to add more time.

B. Press CLEAR to remove the menu from the screen when you are finished.

3. Cancel the Timer

```
Controls  Alarm  Adjust  Setup
 Sleep Timer:  – : --
 Closed Captioning: Off
 Picture  -.....I.....+
```
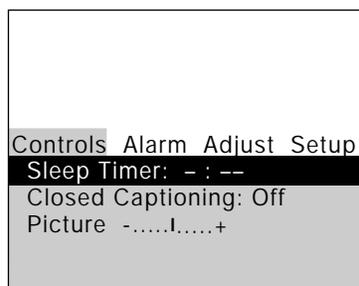
A. Press MENU to select the Controls menu and highlight Sleep Timer.

B. Press **–** until the time reaches – : – –.

C. Press CLEAR to remove the menu from the screen when you are finished.

Using Advanced Features
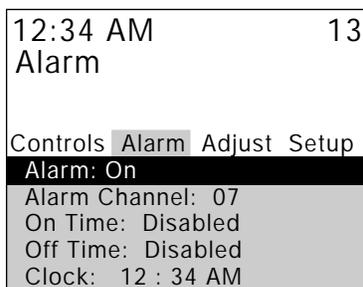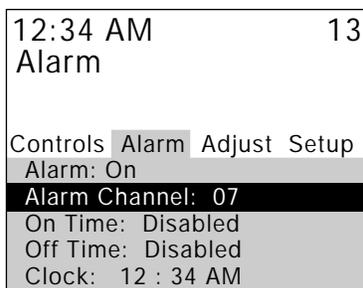
Setting the Alarm Clock

The TV can be set to turn on each day like your alarm clock. You can set it to turn on to your favorite channel at a certain time. You can also set it to turn itself off again. The Alarm cannot be used until the clock is set.
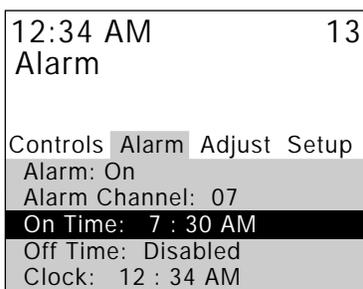
1. Turn on the Alarm

```
12:34 AM              13
Alarm


Controls  Alarm  Adjust  Setup
 Alarm: On
 Alarm Channel: 07
 On Time:  Disabled
 Off Time:  Disabled
 Clock:   12 : 34 AM
```

A. Press MENU to select the Alarm menu and highlight Alarm. This menu is green.

B. Press **+** or **−** to select On or Off.

2. Set the Alarm Channel

```
12:34 AM              13
Alarm


Controls  Alarm  Adjust  Setup
 Alarm: On
 Alarm Channel: 07
 On Time:  Disabled
 Off Time:  Disabled
 Clock:   12 : 34 AM
```

A. Press CHANNEL down to highlight the Alarm Channel.

B. Press **+** to highlight the channel number.

C. Select the channel that you want the TV to turn on to with the number buttons.

3. Set On and Off Times

```
12:34 AM              13
Alarm


Controls  Alarm  Adjust  Setup
 Alarm: On
 Alarm Channel: 07
 On Time:   7 : 30 AM
 Off Time:  Disabled
 Clock:   12 : 34 AM
```

```
12:34 AM              13
Alarm


Controls  Alarm  Adjust  Setup
 Alarm: On
 Alarm Channel: 07
 On Time:   7 : 30 AM
 Off Time:  Disabled
 Clock:   12 : 34 AM
```

A. Press CHANNEL down to highlight the On or Off Time.

B. Press **−** to set the hour.

C. Press **+** to set the minutes.

D. Press and hold **−** to choose Disabled. This turns the TV only on or only off at a certain time each day.

E. Press CLEAR to remove the menu from the screen when you are finished.
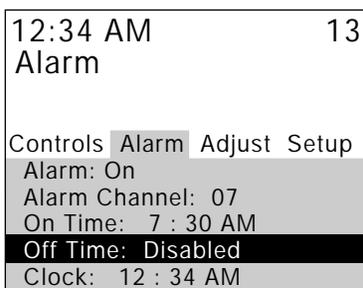
Using Advanced Features

Selecting a Language

The on-screen displays in this TV can be displayed in three languages: English, French, and Spanish. When you select a language, all the displays are shown on the screen in your preferred language.

1. Select the Setup Menu

```
                                    13




Controls  Alarm  Adjust  Setup
 English  Français  Español
 Autoprogram
 Channel Memory: 13 Stored
 Cable/Air: Cable
```

Press MENU repeatedly to select the Setup menu. This menu is white.

2. Select Setting

```
                                    13




Controls  Alarm  Adjust  Setup
 English  Français  Español
 Programación automática
 Mem. de canales:  13 almac.
 Cable/Aire: Cable
```

Press **+** to underline the language you want to select.

Watching Closed Captioning

Closed captioning displays the audio portion of a program as words on the TV screen. It is useful for the deaf, hearing impaired, or anyone who wants to watch a program without sound. If you have turned Closed Captioning on and it does not appear on the screen, it is not available on the channel you are watching. Closed captioning is not available on all programs or at all times. This TV does not support the text mode. Text information typically consists of program information, weather bulletins, local activities, etc.

1. Select the Controls Menu

```
Controls  Alarm  Adjust  Setup
 Sleep Timer:   – : ––
 Closed Captioning: Off
 Picture  -.....I.....+
```
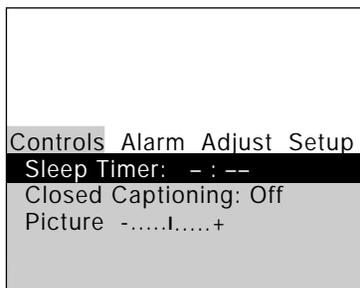
Press MENU to select the Controls menu. This menu is yellow.

2. Highlight Closed Captioning

3. Select Setting

```
Controls  Alarm  Adjust  Setup
 Sleep Timer:   – : ––
 Closed Captioning: Off
 Picture  -.....I.....+
```
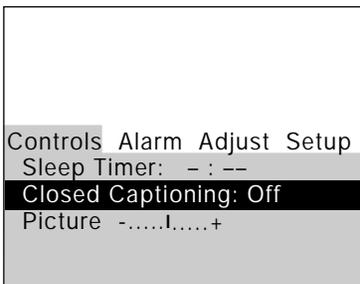
Press CHANNEL down to highlight Closed Captioning.

Press **+** or **–** to select Off, C1, or C2. Select C1 for the display of the primary language in your area. Select C2 for an alternate service such as a secondary language translation or simplified English.

Using Advanced Features

Setting Your TV for Antenna or Cable

Your TV automatically adjusts this feature when the TV places channels in memory (Autoprogram). Follow the steps below to change the setting as needed.

1. Select the Setup menu

```
                               13

Controls  Alarm  Adjust  Setup
 English  Français  Español
 Autoprogram
 Label:  13              Clear
 Channel Memory: 13 Stored
 Cable/Air: Cable
```

Press MENU repeatedly to select the Setup menu. This menu is white.

2. Highlight Cable/Air

```
                               13

Controls  Alarm  Adjust  Setup
 English  Français  Español
 Autoprogram
 Label:  13              Clear
 Channel Memory: 13 Stored
 Cable/Air: Cable
```

Press CHANNEL down to highlight Cable ⁄ Air.

3. Select Cable or Air

```
                               13

Controls  Alarm  Adjust  Setup
 English  Français  Español
 Autoprogram
 Label:  13              Clear
 Channel Memory: 13 Stored
 Cable/Air: Air
```

A. Press + or − to select Cable or Air. Select Cable if you have cable. Select Air if you have a home antenna connected to your TV.

B. Press CLEAR to remove the menu from the screen when you are finished.

References

Displays on the Screen

Your TV shows the settings of several features on the screen. To see what
features have been set on your TV, press DISPLAY on the remote.

```
12:00 AM        XETU    13
Alarm   Sleep




Volume  –.......I.......+
Mute
```
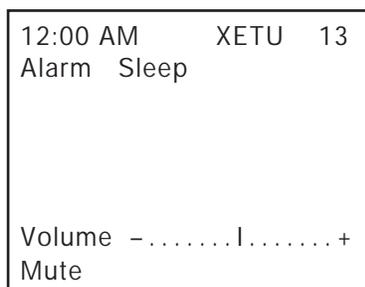
Screen Display	Description
12:00 AM	Time of the clock. *Details are on page 3.*
XETU	Name you chose to describe the channel. *Details are on page 10.*
13	Channel number you are watching.
Alarm	Alarm clock is set to turn on or off. *Details are on page 12.*
Sleep	Sleep Timer is set to turn off the TV. *Details are on page 11.*
Volume	Sound level of the TV.
Mute	No sound comes from the TV. MUTE is not displayed when the Closed Captioning feature is on. *See* MUTE *button on page 5.*

References

Trouble Checks

You may have problems that can be fixed with a few minor adjustments.
Look for the type of problem you are having below and then try the
suggestions to get your TV going again.

Trouble	Checks and Adjustments
Power	
TV will not turn on	Plug TV in.
	Plug something else into the outlet to make sure it is working.
	Make sure batteries in the remote are not dead.
	Aim the remote at the TV and press POWER.
	Make sure batteries are placed in the remote the right way. *See batteries on page 2.*
	Unplug TV for a few minutes and then turn it on again.
No picture, no sound but TV has power	Check antenna connections.
	Check position of Cable/Air feature. *See page 14.*
	Try another channel. Inactive channel may be tuned.
Picture	
Blank screen	Try another channel. Inactive channel may be tuned.
	Make sure cable or an antenna is connected to the TV correctly.
Picture poor, sound okay	Check antenna connections.
	Adjust TV picture. *See pages 7- 8.*
Closed Captioning	
No closed captioning	Turn on closed captioning. *See page 13.*
	Make sure the program is being broadcast with closed captioning (CC).

References

Trouble Checks

Trouble	Checks and Adjustments
<u>TV Turns on or off</u>	
Turns off by itself	Check Sleep Timer. *See sleep timer on page 11.*
	Wait 30 seconds and turn on again, a power surge may have occurred.
	Check Alarm Off time. *See alarm clock on page 12.*
Turns on by itself	Check Alarm On Time. *See alarm clock on page 12.*
	Check clock time. *See clock on page 3.*
Does not turn off at Alarm Time	Make sure Alarm is turned on. *See alarm clock on page 12.*
	Check clock time. *See clock on page 3.*
	Make sure Clock time is set correctly, including AM and PM.
	Check Alarm Off time.
<u>Remote</u>	
Works part or none of the time	Clear the path between the remote and TV of any objects.
	Aim the remote at the component you are trying to control.
	Make sure batteries in the remote are not dead.
	See if batteries are placed in remote correctly. *See batteries, page 2.*
Can't select certain channel	Press number buttons. Channel may not be in memory. *See Autoprogram on page 9.*
	For numbers over 100, press and hold 1 until 1-- appears, then press the other two numbers.
	Set Cable/Air feature to Cable for channels higher than 69. *See page 14.*
Remote lockup	Remove batteries and hold down one or more buttons for several seconds to drain the microprocessor inside the remote and reset it. Re-install the batteries and try remote again.

Caring for Your TV

To clean your TV cabinet, we recommend Murphy's® Oil Soap. You **<u>should not</u>** use cleaners such as Windex® with vinegar, Lenox® Furniture Polish spray or Heinz® Cleaning Vinegar to clean your TV cabinet. Using these cleaners will permanently mar the surface of the cabinet.

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